Team 5
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umber: CRF Errors Corrected by the S	CRF Processing Date: 815195
Changed a file from non-ASCII to ASCII	Edited by: Verified by: (STIC staf
Changed the margins in cases where the sequence text	was "wrapped" down to the next line.
Edited a format error in the Current Application Data section See bottom PSL	
Edited the Current Application Data section with the actu applicant was the prior application data; or other	
Added the mandatory heading and subheadings for "Cur	rent Application Data".
Edited the "Number of Sequences" field. The applicant s	spelled out a number instead of using an integer.
Changed the spelling of a mandatory field (the headings	or subheadings), specifically:
Corrected the SEQ ID NO when obviously incorrect. The	e sequence numbers that were edited were:
Inserted or corrected a nucleic number at the end of a nu	ucleic line. SEQ ID NO's edited:
Corrected subheading placement. All responses must be applicant placed a response below the subheading, this v	
Inserted colons after headings/subheadings. Headings	edited included:
Deleted extra, invalid, headings used by an applicant, sp	pecifically:
Deleted: ☐ non-ASCII "garbage" at the beginning/end ☐ page numbers throughout text; ☐ other invalid tex	
Inserted mandatory headings, specifically:	
Corrected an obvious error in the response, specifically:	:
Edited identifiers where upper case is used but lower ca	ase is required, or vice versa.
Corrected an error in the Number of Sequences field, sp	pecifically:
A "Hard Page Break" code was inserted by the applican	t. All occurrences had to be deleted.
Deleted <i>ending</i> stop codon in amino acid sequences and due to a PatentIn bug). Sequences corrected:	d adjusted the "(A)Length:" field accordingly (error
Other:	
	
	·

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING PATENT APPLICATION US/08/447,118

DATE: 08/10/95 TIME: 08:26:52

INPUT SET: S5462.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

```
1
                                       SEQUENCE LISTING
 2
            General Information:
 3
    (1)
          (i) APPLICANT:
 5
               (A) NAME: Burkly, Linda C.
 6
 7
               (B) STREET: 34 Winthrop Street
               (C) CITY: West Newton
 8
 9
               (D) STATE: Massachusetts
               (E) COUNTRY: USA
10
               (F) POSTAL CODE (ZIP): 02165
11
12
13
               (A) NAME: Biogen, Inc.
14
               (B) STREET: Fourteen Cambridge Center
15
               (C) CITY: Cambridge
16
               (D) STATE: Massachusetts
17
               (E) COUNTRY: USA
18
               (F) POSTAL CODE (ZIP): 02142
19
20
         (ii) TITLE OF INVENTION: TREATMENT FOR INSULIN DEPENDENT DIABETES
21
22
        (iii) NUMBER OF SEQUENCES: 15
23
24
         (iv) COMPUTER READABLE FORM:
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               (A) MEDIUM TYPE: Floppy disk
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               (B) COMPUTER: IBM PC compatible
27
               (C) OPERATING SYSTEM: PC-DOS/MS-DOS
               (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
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                                                           (- odd (B) Filing date:
          (V) CURRENT APPLICATION DATA: 9 (000000 (BGP-151CP)
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32
         (vi) PRIOR APPLICATION DATA:
33
               (A) APPLICATION NUMBER: PCT/US94/01456
34
               (B) FILING DATE: 09-FEB-1994
35
        (vii) PRIOR APPLICATION DATA:
36
               (A) APPLICATION NUMBER: US 08/029,330
37
               (B) FILING DATE: 09-FEB-1993
38
39
    (2) INFORMATION FOR SEQ ID NO: 1:
40
41
          (i) SEQUENCE CHARACTERISTICS:
42
43
               (A) LENGTH: 360 base pairs
               (B) TYPE: nucleic acid
44
               (C) STRANDEDNESS: single
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46
               (D) TOPOLOGY: linear
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/447,118

DATE: 08/10/95 TIME: 08:26:57

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71 72 73 74								CCT Pro 40									144
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80 81 82 83								GAC Asp									240
84 85 86 87								GAG Glu									288
88 89 90 91								GGA Gly									336
92 93 94 95		ACC Thr						TCA Ser 120									360
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161	GAC	AGG	GTT	ACC	ATA	ACC	TGC	AAG	GCC	AGT	CAG	AGT	GTG	ACT	AAT	GAT		96
162	Asp	Arg	Val	Thr	Ile	Thr	Cys	Lys	Ala	Ser	Gln	Ser	Val	Thr	Asn	Asp	*	
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166	Val	Ala	_	Tyr	Glņ	Gln	Lys		Gly	Gln	Ser	Pro	_	Leu	Leu	Ile		
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178				Ala														
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181	ACG	TTC	GGA	GGG	GGG	ACC	AAG	CTG	GAG	ATC								318
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257						AGC											144
258	Pro	Ser	Gln	Thr	Leu	Ser	Leu	Thr	Cys	Thr	Ala	Ser	Gly	Phe	Asn	Ile	

SEQUENCE VERIFICATION REPORT PATENT APPLICATION *US/08/447,118*

DATE: 08/10/95 TIME: 08:27:18

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: Burkly, Linda C.
7	Unknown or Misplaced Identifier	(B) STREET: 34 Winthrop Street
8 -	Unknown or Misplaced Identifier	(C) CITY: West Newton
9	Unknown or Misplaced Identifier	(D) STATE: Massachusetts
10	Unknown or Misplaced Identifier	(E) COUNTRY: USA
11	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 02165
13	Unknown or Misplaced Identifier	(A) NAME: Biogen, Inc.
14	Unknown or Misplaced Identifier	(B) STREET: Fourteen Cambridge Center
15	Unknown or Misplaced Identifier	(C) CITY: Cambridge
16	Unknown or Misplaced Identifier	(D) STATE: Massachusetts
17	Unknown or Misplaced Identifier	(E) COUNTRY: USA
18	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 02142

SEQUENCE MISSING ITEM REPORT PATENT APPLICATION US/08/447,118

DATE: 08/10/95 TIME: 08:27:20

INPUT SET: S5462.raw

ADDRESSEE
STREET
CITY
STATE
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CORRESPONDENCE ADDRESS
APPLICATION NUMBER
FILING DATE
CLASSIFICATION

RAW SEQUENCE LISTING PATENT APPLICATION US/08/447,118

DATE: 08/15/95 TIME: 10:51:37

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This Raw Listing contains the General Information Section and up to the first 5 pages.

	1	SEQUENCE LISTING ENTERED
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	3	(1) General Information:
	4	
>	5	(i) APPLICANT:
>	6	(A) NAME: Burkly, Linda C.
>	7	(B) STREET: 34 Winthrop Street
>	8	(C) CITY: West Newton
>	9	(D) STATE: Massachusetts
>	10	(E) COUNTRY: USA
>	11	(F) POSTAL CODE (ZIP): 02165
>	12 13	(3) VAVE, Diegon Ing
>	14	(A) NAME: Biogen, Inc. (B) STREET: Fourteen Cambridge Center
>	15	(C) CITY: Cambridge
>	16	(D) STATE: Massachusetts
>	17	(E) COUNTRY: USA
>	18	(F) POSTAL CODE (ZIP): 02142
	19	(-, (,
	20	(ii) TITLE OF INVENTION: TREATMENT FOR INSULIN DEPENDENT DIABETES
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	22	(iii) NUMBER OF SEQUENCES: 15
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	24	(iv) COMPUTER READABLE FORM:
	25	(A) MEDIUM TYPE: Floppy disk
	26	(B) COMPUTER: IBM PC compatible
	27	(C) OPERATING SYSTEM: PC-DOS/MS-DOS
	28 29	(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
	30	(v) CURRENT APPLICATION DATA:
	31	(A) APPLICATION NUMBER:
	32	(B) FILING DATE:
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	34	(vi) PRIOR APPLICATION DATA:
	35	(A) APPLICATION NUMBER: PCT/US94/01456
	36	(B) FILING DATE: 09-FEB-1994
	37	(Vii) PRIOR APPLICATION DATA:
	38	(A) APPLICATION NUMBER: US 08/029,330
	39	(B) FILING DATE: 09-FEB-1993
	40	
	41	(A) THEODYNETON FOR ONE TO NO. 1.
	42 43	(2) INFORMATION FOR SEQ ID NO: 1:
	43 44	(i) SEQUENCE CHARACTERISTICS:
	45	(1) SEQUENCE CHARACTERISTICS: (A) LENGTH: 360 base pairs
	46	(B) TYPE: nucleic acid
	-10	(b) III B. Mactete deta

RAW SEQUENCE LISTING PATENT APPLICATION US/08/447,118

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71	Val	Lys	Leu	Ser	Cys	Thr	Ala	Ser	Gly	Phe	Asn	Ile	Lys	Asp	Thr	Tyr	
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86	CAG	CTC	AGC	AGC	CTG	ACA	TCT	GAG	GAC	ACT	GCC	GTC	TAC	TAC	TGT	GCA	288
87	Gln	Leu	Ser	Ser	Leu	Thr	Ser	Glu	Asp	Thr	Ala	Val	Tvr	Tvr	Cvs	Ala	
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109	Val	Lys	Leu	Gln	Gln	Ser	Gly	Ala	Glu	Leu	Val	Lys	Pro	Gly	Ala	Ser
110	1				5					10				-	15	
111																
112	Val	Lys	Leu	Ser	Cys	Thr	Ala	Ser	Gly	Phe	Asn	Ile	Lys	Asp	Thr	Tyr
113		_		20	_				25				-	30	-	_
114									-							
115	Met	His	Trp	Val	Lvs	Gln	Ara	Pro	Glu	Gln	Glv	Leu	Glu	Trp	Ile	Glv
116			35		-			40					45	•		-
117																
118	Ara	Tle	Asp	Pro	Δla	Ser	Glv	Asn	Thr	T.vs	Tur	Asn	Pro	T.vs	Phe	Gln
119	9	50	P			201	55			_,_	- , -	60		_,_		
120												•				
121	Val	T. 17 C	Ala	Thr	т1ь	Thr	λla	Aen	Thr	Sor	Ser	λen	Thr	λla	Trn	T. 211
122	65	Буз	AIG	1111	116	70	AIG	YOD	1111	Der	75	ASII	1111	ATG	ш	80
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125	GIII	Leu	Ser	Ser		1111	Ser	GIU	ASP		АТА	Val	ıyı	ıyı	_	АТА
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127	Asp	СТА	Met	_	vaı	ser	Thr	GTA	_	АТа	ren	Asp	Pne	_	ста	GIN
128				100					105					110		
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130	СТА	Inr	Thr	vaı	unr	vaı	ser									
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146			(I	3) L	CAT:	CON:	1	318								
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/447,118

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153			(1	D) 0	THER	INF	ORMA'	rion:	:/no	te= '	"pBAG	3172	ins	ert:	HP1	/2 light	:
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158																	
159	AGT	ATT	GTG	ATG	ACC	CAG	ACT	CCC	AAA	TTC	CTG	CTT	GTT	TCA	GCA	GGA	48
160	Ser	Ile	Val	Met	Thr	Gln	Thr	Pro	Lys	Phe	Leu	Leu	Val	Ser	Ala	Gly	
161					125				-	130					135	_	
162																	
163	GAC	AGG	GTT	ACC	ATA	ACC	TGC	AAG	GCC	AGT	CAG	AGT	GTG	ACT	AAT	GAT	96
164	Asp	Arg	Val	Thr	Ile	Thr	Cys	Lys	Ala	Ser	Gln	Ser	Val	Thr	Asn	Asp	
165	_	_		140		•	_	_	145					150			
166																	
167	GTA	GCT	TGG	TAC	CAA	CAG	AAG	CCA	GGG	CAG	TCT	CCT	AAA	CTG	CTG	ATA	144
168	Val	Ala	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln	Ser	Pro	Lys	Leu	Leu	Ile	
169			155					160					165				
170																	
171	TAT	TAT	GCA	TCC	AAT	CGC	TAC	ACT	GGA	GTC	CCT	GAT	CGC	TTC	ACT	GGC	192
172	Tyr	Tyr	Ala	Ser	Asn	Arg	Tyr	Thr	Gly	Val	Pro	Asp	Arg	Phe	Thr	Gly	
173		170					175					180					
174																	
175								ACT									240
176		Gly	Tyr	Gly	Thr	_	Phe	Thr	Phe	Thr		Ser	Thr	Val	Gln		
177	185					190					195					200	
178																	
179								TGT									288
180	Glu	Asp	Leu	Ala		Tyr	Phe	Cys	Gln		Asp	Tyr	Ser	Ser		Tyr	
181					205					210					215		
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183								CTG									318
184	Thr	Phe	GTA	_	GTÀ	Thr	Lys	Leu		Ile							
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198	Ser	TlΔ	۲a٦	Met	Thr	Gln	Thr	Pro	1.00	Dhe	T.eu	T.eu	۷a٦	Ser	Δla	G] v	
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205			35	- 1 -			-1-	40					45				

RAW SEQUENCE LISTING PATENT APPLICATION US/08/447,118

DATE: 08/15/95 TIME: 10:51:57

206																		
207	Tyr	_	Ala	Ser	Asn	Arg	-	Thr	Gly	Val	Pro	Asp	Arg	Phe	Thr	Gly		
208		50					55					60						
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213	GIU	ASP	теп	АТА	Val 85	ıyı	File	cys	GIII	90	ASP	Tyr	Ser	Ser	95	Tyr		
214					0.5					90					93			
216	Thr	Phe	Glv	G] v	Gly	Thr	T. 17 C	Γ.Δ11	@lu	Tla								
217		1110	023	100	CLY		цуз	пеа	105	116								
218				100					103									
219	(2)	INF	ORMA	rion	FOR	SEO	ID I	VO: !	5:									
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239		(TX) FE <i>l</i>			TEV.	ma+	2021	- 1 - 1 - 1									
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242		(ix) FE	ATURE	7 :													
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250																		
251					TGG												4	8
252		Asp	Trp	Thr	Trp	Arg	Val	Phe	Cys		Leu	Ala	Val	Ala	Pro	Gly		
253	-19				-15					-10					-5			
254	_																	
255					GTC												9	6
256	Ala	His	Ser		Val	Gln	Leu		Glu	Ser	Gly	Pro	_	Leu	Val	Arg		
257				1				5					10					
258																		

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/447,118

DATE: 08/15/95 TIME: 10:52:02

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: Burkly, Linda C.
7	Unknown or Misplaced Identifier	(B) STREET: 34 Winthrop Street
8	Unknown or Misplaced Identifier	(C) CITY: West Newton
9	Unknown or Misplaced Identifier	(D) STATE: Massachusetts
10	Unknown or Misplaced Identifier	(E) COUNTRY: USA
11	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 02165
13	Unknown or Misplaced Identifier	(A) NAME: Biogen, Inc.
14	Unknown or Misplaced Identifier	(B) STREET: Fourteen Cambridge Center
15	Unknown or Misplaced Identifier	(C) CITY: Cambridge
· 16	Unknown or Misplaced Identifier	(D) STATE: Massachusetts
17	Unknown or Misplaced Identifier	(E) COUNTRY: USA
18	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 02142